

**ADVERTISEMENT
FOR THE USE AND BENEFIT OF
NESHOPA COUNTY, MISSISSIPPI**

The NESHOPA COUNTY BOARD OF SUPERVISORS will receive competitive, sealed bids in the Office of the Chancery Clerk of Neshoba County, Mississippi in the Neshoba County Courthouse, 401 Beacon Street, Suite 107, Philadelphia, Mississippi 39350 until 11:00 a.m., on the 18th day of April, 2016 for the purposes of acquiring the following equipment and lease-purchase financing proposals on said equipment:

- a. One (1) or more, new, 2016 87 HP Backhoe Loader for the use and benefit of Neshoba County.
- b. Lease Purchase Financing proposals for the acquisition of the above described equipment.

Detailed specifications for the above described equipment and lease-purchase financing terms and bid forms may be obtained from the Neshoba County Board of Supervisors office at the Neshoba County Courthouse, 401 Beacon Street, Suite 201, Philadelphia, Mississippi 39350, by calling 601-656-6281 or by Neshoba County's website at www.neshobacounty.net. Neshoba County, Mississippi will determine if compliance with the specifications exist before accepting any bid.

INSTRUCTIONS TO BIDDERS:

All bids shall be placed on the Neshoba County Bid Form and along with the detailed proposal be placed in a sealed envelope marked "April 2016 87HP Backhoe Bids" along with the date and time of bid opening, and filed with the Neshoba County Board of Supervisors C/O Chancery Clerk Guy Nowell, 401 Beacon Street, Suite 107, Philadelphia, Mississippi 39350. The proposals submitted for the lease-purchase financing of said vehicle(s) must be in compliance with the laws of the State of Mississippi. Neshoba County will not be responsible for opening of bids not properly marked.

It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of these specifications to limit the bidding to any particular make or manufacturer of equipment or provider of services, but rather to select such equipment or services to provide for specific needs and specific tasks. Any reference to name-brand materials or equipment is intended to establish the minimum necessary standards only and bids submitted on materials and equipment there to, at the sole discretion of Neshoba County, shall be considered.

Bidders may submit bids for the equipment only, the lease-purchasing financing only or both the equipment and lease-purchasing. If only one bid is received for lease purchase financing, the Neshoba County Board of Supervisors reserves the right to solicit and obtain at least one other written competitive bid to be in compliance with the requirements of the laws of the State of Mississippi.

Additionally, for the equipment solicited herein the vendor shall offer a guaranteed buy back provision for said equipment at the end of three (3), four (4) and five (5) year periods which will also be utilized in the determination of the lowest and best bid for said equipment.

Published by Order of the Board of Supervisors of Neshoba County, Mississippi on the 7th day of March, 2016.

/s/ GUY NOWELL
GUY NOWELL, CLERK
BOARD OF SUPERVISORS
NESHOPA COUNTY, MISSISSIPPI

Publication dates: 3/16/2016 & 3/23/2016

INVITATION TO SUBMIT COMPETITIVE BIDS

The Neshoba County Board of Supervisors is soliciting competitive, sealed bids from qualified vendors for the purchase of One (1) or more new, 87 HP Backhoe Loader for the use and benefit of Neshoba County.. Neshoba County reserves the right to reject any and/or all bids. Neshoba County also reserves the right to accept the bid most advantageous to Neshoba County, Mississippi.

The attached specification defines the MINIMUM specifications for a new, 2016, 87 HP Diesel Powered Backhoe Loader. All bids must equal in performance and quality to the following specifications, which are not intended to exclude any manufacturer. Any reference to manufacturer's make or series of equipment stated are intended only to establish an acceptable standard and are not intended to limit the bidding. It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of the specifications to limit the bidding process to any particular make or manufacturer, but to set a minimum standard, fill a specific need and to perform a specific task. Any questions or clarifications in regard to this solicitation must be sent to Neshoba County Road Manager Eddie Posey in writing, up to 48 hours (two business days) of the Bid opening, by e-mail to eposey@neshobacounty.net or Fax to 601-656-3343.

This invitation is extended to all qualified vendors/manufacturers that are specifically in the business of building heavy equipment for use in road and bridge construction and maintenance activities.

INSTRUCTIONS TO BIDDERS:

The bid format shall include a complete and detailed proposal from the vendor along with answering the following specifications questionnaire with a positive (YES) or negative (NO) answer which will be included with all bids submitted. If the vendor answers negative or NO to the specification provided, the vendor shall explain in detail why the specification is not met by their proposed equipment and provide an explanation as to why they are proposing an exception to such specification. Vendors who propose a bid taking total or general exceptions will be considered non-responsive and the bid will be rejected at the sole discretion of Neshoba County, Mississippi.

SPECIFICATIONS FOR SOLICITATION

GENERAL CONDITIONS:

PARTY IDENTIFICATION:

AGENCY: "Agency" is hereinafter defined as the customer. The customer is Neshoba County, Mississippi and the Neshoba County Road Department who has been charged with the responsibility of purchasing one or more hydraulic excavators.

Bidder Complies exactly as written YES_____ NO_____

BIDDER: "Bidder" is hereinafter defined as the equipment manufacturer and/or its authorized dealer/representative. The bidder is an assigned representative who is authorized to commit to a contract with the "Agency".

Bidder Complies exactly as written YES_____ NO_____

VENDOR: "Vendor" is synonymous with "Bidder".

Bidder Complies exactly as written YES_____ NO_____

NOTICE TO BIDDERS: Bidders shall thoroughly examine any specifications, schedule, instructions and any other documents supplied as part of this invitation to bid.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the content of the written specifications and instructions supplied herein. No pleas of ignorance by the bidder pertaining to the content of the specifications, schedule or instructions will be considered by the agency once the deadline for bid submission has occurred. Failure or omission on the part of the bidder to make the necessary examinations and investigations into the content of the specifications AND make all clarifications or explanations of exceptions and conditions that exist or that may exist hereafter shall NOT be accepted as a basis for making variations to the requirements of the agency or compensation to the bidder.

Bidder Complies exactly as written YES_____ NO_____

CLARIFICATIONS: Clarifications shall be written correspondence between the bidder, the agency and all other qualified bidders. A Clarification shall include the paragraph number, page number, the text with unclear content (as written in the specification) and the definition of the clarification requested. Verbal clarifications shall be documented in writing and distributed to all other qualified bidders at least two business days prior to the deadline for bid submission.

Bidder Complies exactly as written YES_____ NO_____

EXPLANATION OF EXCEPTIONS: Bidders may take exceptions to any part of the bid contained herein with a written itemized schedule. The schedule shall include the paragraph number(s), the text that the bidder feels he can not comply with an explanation why the bidder feels that the requirement is not in the best interest of the agency and/or an alternate bidder solution. Alternate bidder solutions may be considered by the agency, if the bidder can show the agency that the alternate solution is, in quality and quantity, equal to OR better than the specified item. This agency will share the exception/alternate solution with all other Qualified Bidders. Explanation of exceptions shall be documented in writing at least two business days prior to the deadline for bid submission.

Bidder Complies exactly as written YES_____ NO_____

CORE DESIGN INTENT: The core design intent of the specifications supplied herein is to purchase heavy equipment with the highest level of engineering excellence. The "Core Design" intent of this vehicle shall be centered on providing specific equipment to the Neshoba County Road Department to perform a specific task.

Bidder Complies exactly as written YES_____ NO_____

BID PACKAGES SHALL NOT TAKE TOTAL EXCEPTIONS: Bidders are required under this bid invitation to give, for the consideration of the agency, a proposal that will comply with the written specifications and schedules supplied herein. The specifications supplied represent a compilation of input from all disciplines of users, maintenance and management personnel who are directly affected by the vehicle's performance.

Careful consideration pertaining to safety, configuration, construction, and workmanship are based on working experiences by all the personnel who have direct, working contact with the subject equipment specified herein.

This agency makes no claim that ALL potential issues or improvements are included in the specifications supplied herein. This agency will consider any VALID concern by any bidder and will consider minor specification exceptions or alternates of equal or better performance, provided that the exception(s) are steered toward meeting the "Core design" intent AND the exception(s) are cleared up not less than two days prior to the bid opening date.

Caution:

A bidder who submits a bid that takes "Total Exception" and makes an offering of some "Standard" or "Stock" unit will be viewed by the agency as a bidder who did not make, and is not prepared to make, a valid bid, and is not qualified to manufacture the heavy equipment as specified herein. Alternate bids will **NOT** be considered. Any bidder

desiring to provide a response to this solicitation shall only submit one bid for their best product meeting the specifications herein.

Bidder Complies exactly as written YES_____ NO_____

DEBARMENT STATUS:

By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty of perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bid on contracts by any agency within the State of Mississippi, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the State of Mississippi.

WARNING:

This agency will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such equipment without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are DEBARRED from submitting bids to this agency in the future. This agency will not waste valuable time (more than once) trying to recover legal costs and deal with lost in-service time of new equipment, working with vendors who are unresponsive to the needs of this agency.

Bidder Complies exactly as written YES_____ NO_____

Compliant: Specification:

BASIC SPECIFICATIONS

- Y_____ N_____ Backhoe shall have a minimum digging depth of 14'5" with retracted stick and 17' 11" with extendible stick.
- Y_____ N_____ Turbocharged engine net flywheel horsepower shall be at least 87 net HP according to SAE J1349.
- Y_____ N_____ Machine to be equipped with an economy control function for maximum fuel efficiency
- Y_____ N_____ Unit shall have a maximum width of 7'7" (2322 mm) with a Multi-purpose front bucket.

ENGINE

- Y_____ N_____ Engine must comply with U.S. EPA Tier 4 Final / EU Stage IV off road emission requirements.
- Y_____ N_____ Machine shall utilize Selective Cataytic Reduction (SCR)
- Y_____ N_____ Engine shall have an economy mode to help maximize fuel efficiency, while maintaining backhoe performance

- Y___ N___ Engine compartment side panels shall have standard noise reduction and heat control insulation.
- Y___ N___ Units shall be equipped with a turbocharged, four cylinder, direct injection diesel engine with high strength, cast iron alloy single block design for high strength and long life.
- Y___ N___ The engine shall have a high pressure, direct injection fuel system providing accurate fuel delivery with a mechanically driven fuel transfer pump for reliability.
- Y___ N___ Engine shall have a fuel filtration rating of no more than 10-micron for the primary fuel filter / water separator.
- Y___ N___ Engine shall have a secondary fuel filter with a rating of no more than 4-microns.
- Y___ N___ Engine shall have a vertical spin-on fuel filters.
- Y___ N___ Engine shall be equipped with electric fuel priming pump as standard equipment.
- Y___ N___ Engine shall have a water/sediment bowl with water separator service indicator light.
- Y___ N___ The engine shall have an internally mounted, dry-type, perimeter seal air cleaner with an integral precleaner, automatic dust ejection system, and filter condition indicator.
- Y___ N___ The engine will have a standard glow plug starting aid for efficient cold weather starting.
- Y___ N___ Heat exchangers shall be located within the engine compartment for easy service access.
- Y___ N___ Engine shall be protected with extended life antifreeze that needs not to be replaced for 5 years.
- Y___ N___ Engine cooling fan shall have a heavy-duty guard that fully prevents human contact while in operation.
- Y___ N___ Radiator shall have a heavy-duty guard to resist continued impact at low speeds.
- Y___ N___ Coolant circulation shall be provided by a gear-driven water pump, not solely belt driven, to prevent accessory belt slip and continue coolant circulation in the event of a belt failure.
- Y___ N___ Engine shall be equipped with an alternator that has a charging capacity of minimum 150 amperes.
- Y___ N___ Engine shall be equipped with one maintenance-free 880 CCA battery.
- Y___ N___ Engine shall be equipped with a 12-volt direct-electric starting and charging system.
- Y___ N___ Machine shall be equipped with a standard battery disconnect switch
- Y___ N___ Engine shall be equipped with a single, automatically tensioned, serpentine accessory belt.
- Y___ N___ Engine air filter shall have a pre-cleaner and a dust ejector.
- Y___ N___ Engine shall have variable-speed, hand and foot governor controls.
- Y___ N___ Engine shall have a full flow spin-on type oil filter that is vertically mounted below the crankshaft centerline.
- Y___ N___ Backhoe joystick shall be equipped with a quick idle down feature that lowers the engine speed to 1,000 rpm
- Y___ N___ Machine shall have Automatic Engine Speed Control that reduces engine speed when the backhoe is not in use. This will conserve fuel and lower emission noise

POWERTRAIN/TRANSMISSION

- Y___ N___ Transmission shall have an electric, neutral lock switch on the front console to prevent driveline engagement
- Y___ N___ Transmission, differentials, and hydraulics shall have separate fluid reservoirs.

- Y___ N___ 4WD shall be pendulum mounted, grease-free with sealed for life kingpins, able to be engaged "on-the-go" while under load or any operating condition.
- Y___ N___ 4WD guard shall provide full coverage between the frame rails to protect the front drive shaft.
- Y___ N___ Unit shall be able to change direction and travel speed on-the-go.
- Y___ N___ Forward/reverse shuttle shall be a contactless unit for reliability.
- Y___ N___ Units shall be equipped with a transmission disconnect button on the gear shifter and loader control to allow full engine power to the loader.
- Y___ N___ Transmission shall be made, serviced and supported by the machine manufacturer.
- Y___ N___ Transmission shall have spin-on type oil filter vertically mounted.
- Y___ N___ Differential lock shall be located on the loader joystick control
- Y___ N___ Unit shall have a high gear speed of no less than 25 mph (40.0 kph).
- Y___ N___ Unit shall have 4 forward gears, 4 reverse gears, and a fully synchronized Power-Shuttle transmission coupled with electro-hydraulically shifted forward and reverse shuttle clutches.
- Y___ N___ Planetary Drive shall have four reduction (sun gears) in the front drive.

STEERING

- Y___ N___ Oscillation shall be no less than 11 degrees each side direction from centerline.
- Y___ N___ Machine shall have hydrostatic steering.
- Y___ N___ Steering cylinder shall be double acting with a 52-degree steering angle.
- Y___ N___ Standard variable speed steering for quicker turning

BRAKES

- Y___ N___ Brake mode selector switch shall have a 3 position switch allowing 2WD, 2WD travel with 4WD braking and full time four wheel drive.
- Y___ N___ Parking/secondary brakes shall be independent of the service brake system, allow operator complete control for a modulated stop with or without the engine running, and shall be mechanically released or applied and adjusted from the cab without the need for tools.
- Y___ N___ Foot-operated brake pedals shall be able to be interlocked for roading.
- Y___ N___ Service brakes shall be hydraulically boosted for low pedal efforts.
- Y___ N___ Service brakes shall be completely enclosed and sealed using Kevlar as brake pad media.
- Y___ N___ Brakes shall be outboard oil-immersed, hydraulically actuated, multiple discs on final drive input drive shaft.
- Y___ N___ Service brakes shall be disc type and fully self-adjusting.

HYDRAULIC SYSTEM

- Y___ N___ Hydraulic system shall include high-pressure hoses consisting of 4 layers of overlapping insulated spiral wire matrix.
- Y___ N___ Machine must have adjustable auxiliary flow control for better controllability of attachments
- Y___ N___ Machine shall be able to reach maximum lift capacity at any engine speed.

- Y___ N___ Maximum hydraulic pump pressure shall be at least 3,300 psi for the backhoe and at least 3,300 psi for the loader
- Y___ N___ Hydraulic system shall have a replaceable 6-micron vertically mounted, bowl and cartridge filter that is accessible from under the main frame.
- Y___ N___ Hydraulic pump shall be rated at 35 gpm
- Y___ N___ Machine shall have an electronically controlled variable displacement load sensing, axial piston pump for low idle lifting and maximum durability.
- Y___ N___ Closed-center implement valves shall be standard
- Y___ N___ Unit shall contain flow sharing valves to allow for machine multifunction
- Y___ N___ Machine shall be equipped with an electronic pump torque limiter
- Y___ N___ Hose fitting shall have O-ring face seal connections for maximum seal reliability.
- Y___ N___ Hydraulic tank shall be mounted towards the rear of the engine above the pump, enabling the hood of the machine to slope downward for visibility and to keep positive pressure into the pump supply hose.
- Y___ N___ Hydraulic tank shall be made of non-metallic material to eliminate both weld shop contamination and the possibility of rust formation.
- Y___ N___ Supply hose to the pump shall be protected high within the chassis and not vulnerable to puncture.
- Y___ N___ Backhoe hydraulic lines shall be fastened and constrained from hanging low within the chassis, preventing hoses from damage.
- Y___ N___ Combination auxiliary lines shall be available for both one way or two way flow
- Y___ N___ All implement hydraulic lines will incorporate hoses with a high wear resistant coating.
- Y___ N___ All hydraulic hoses restrained by rubber grommets and steel band clamps shall have full protective coverage by the rubber grommet, preventing cuts and chaffing by the band clamps.

AXLES

- Y___ N___ Front axle shall be pendulum mounted, permanently sealed and lubricated
- Y___ N___ The final drives shall be heavy-duty outboard planetary type, distributing loads over three gears sealed in separate oil compartments for long-life and minimum service
- Y___ N___ Heavy-duty rear axle shall be semi-floating with self-adjusting inboard brakes.

WHEELS/TIRES

- Y___ N___ 4WD Tires shall be no less than 12.5/80-18 12PR (front) and 19.5 – 24 12PR (rear).
- Y___ N___ All valve stems to be protected by metal valve stem covers
- Y___ N___ Front tires shall ride inside loader bucket cutting width.

OPERATORS STATION

- Y___ N___ OSHA approved ROPS/FOPS shall be integral with cab and canopy.
- Y___ N___ Operator shall have complete control to disable, or lock, the backhoe Pilot Controls with a single switch on the console.
- Y___ N___ The backhoe Pilot Controls locking switch shall always indicate the correct state of the controls, "locked" or "unlocked," and be lighted when "locked".

- Y___ N___ Pilot Controls joystick controls for the backhoe shall be adjustable fore/aft, side to side.
- Y___ N___ Machine shall come standard with horn, audible back up alarm and electric fuel system shut off.
- Y___ N___ Engine RPM shall be controlled by electronic rotary dial and foot pedal
- Y___ N___ Side instruments shall include a premium gauge cluster consisting of LCD Information screen and LCD warnings. LDC warns shall include; Engine Oil Pressure, Machine Locked, Service Due, Air Filter Blocked, High Coolant Temperature, Auto Idle Shutdown, High Torque Converter Temperature and Hydraulic Filter Bypass
- Y___ N___ Unit shall have a lighted instrument panel located on the right side of the cab so that it is visible from both loader and backhoe operating positions. Indicator lights to include, Water in Fuel, Remote dial throttle active, engine warning, warning lamp, emissions module malfunction, AESC active, Regen Inhibited, Low battery/charging system warning, high hydraulic oil temperature, Wait to start and Eco Mode Active
- Y___ N___ Unit shall include four front and four rear working lights.
- Y___ N___ Machine shall have stop and turn signals with flashing hazard lamps visible from front and rear.
- Y___ N___ Electric auxiliary socket shall be available on roof for connection to items such as a rotating beacon.
- Y___ N___ A switch, accessible to the operator from the seat, shall control the auxiliary socket, primarily used for beacon operation.
- Y___ N___ Operator's compartment shall come equipped with a standard air suspension seat that can be adjusted in the fore/aft position and has a lever that controls the release for rotation at 180 degree swivel from anywhere on a sliding track mechanism.
- Y___ N___ Equipped with the standard steering wheel, the seat shall be able to swivel 180 degrees in a single motion without contacting the steering wheel or pilot control pods.
- Y___ N___ Standard seat shall be covered with cloth covered Mylar in enclosed cab models.
- Y___ N___ With doors and windows closed, machine operating at maximum governed speed unit shall have a maximum operator sound exposure Leq of 79 dB(A) according to SAE J1166.
- Y___ N___ Stabilizer controls shall be conveniently located to the operator's left side/hand.
- Y___ N___ Tilt steering wheel shall be standard for operator comfort.
- Y___ N___ Cab shall have an optional air conditioner that provides the operator with a choice of fresh outside air drawn through filters or recirculating cab air with HVAC recirculation selector
- Y___ N___ Cab shall be equipped with two doors and 6 opening windows and floor mat.
- Y___ N___ Operator's compartment shall feature laminated safety glass on front, windshield and tempered glass on all other windows.
- Y___ N___ Cab shall include factory-installed heater/defroster with multiple speed blower with the control in reach from the front and rear of the machine.
- Y___ N___ All removable glass panels shall be flat glass for easy and low cost service
- Y___ N___ All rear window sections shall stow overhead, inside the cab for maximum visibility, ventilation and operator comfort.
- Y___ N___ Each side of the cab shall have two windows sharing a common hinge that are of approximately equal size, can be fastened together, then swung to either a front or rear securing point to maximize cross flow ventilation.
- Y___ N___ If equipped with an enclosed cab, front and rear windshield wipers/washers shall be standard.
- Y___ N___ Enclosed cab shall have a front window visor that extends entire width of window

Y____ N____ Exhaust stack shall be located to the side and aligned with ROPS as to not obstruct operators vision.

BACKHOE

Y____ N____ Backhoe shall be center-pivot type complete with hydraulic stabilizers.

Y____ N____ Maximum boom width shall be no wider than 10 inches.

Y____ N____ Per SAE standards, rated bucket digging force shall be a minimum of 13,100 lb with an extendible stick.

Y____ N____ Per SAE standards, stick-digging force shall be a minimum of 7,280 lb with a fully retracted extendible stick.

Y____ N____ Backhoe reach, from the swing pivot, shall be no less than 21'10" with a fully extended, extendible stick.

Y____ N____ Backhoe shall have a loading height of no less than 13'7" with a extended extendible stick

Y____ N____ Backhoe shall have a minimum cushioned swing arc of 180 degrees.

Y____ N____ Per SAE J31, backhoe stick lifting ability at 8 ft shall be no less than 4,802 lb with a fully retracted extendible stick.

Y____ N____ Per SAE J31, backhoe boom lifting at 8 feet shall be no less than 2,440 lbs with a fully retracted extendible stick.

Y____ N____ All sticks shall have serrated edges, at least 28" long, to help clamp objects securely with bucket.

Y____ N____ All sticks shall be thumb-ready with thumb cylinder mounts and stops standard. Thumb must be able to be added without welding.

Y____ N____ Extendible stick shall be self-lubricating, adjusted with shims, and require no grease.

Y____ N____ Boom cylinder shall be exterior mounted for serviceability.

Y____ N____ Stick cylinder shall be exterior mounted for serviceability.

Y____ N____ Boom and stick shall be weld repairable.

Y____ N____ Backhoe shall be equipped with a swing transport lock.

Y____ N____ Backhoe shall be equipped with a boom lock that can be controlled from the seat.

Y____ N____ Pattern changer shall be available for switching Backhoe and Excavator control patterns with an electric switch, located within the operator's station

Y____ N____ Backhoe shall be controlled with adjustable excavator style pilot operated joystick controls.

Y____ N____ Auxilary controls shall be controlled by a electro-hydraulic thumb roller

Y____ N____ Stabilizers shall be pilot operated for low efforts and located on the side console for easy access whether facing front or rear.

Y____ N____ Backhoe shall have stabilizer lock valves as standard equipment.

Y____ N____ Flip over stabilizer pads shall have a dirt grouser.

Y____ N____ Stabilizers shall be able to lift the machine high enough to clear tires, on concrete with street pads.

Y____ N____ Swing trunnion shall be supported on each side by two bolts loaded in tension .

LOADER

Y____ N____ Loader shall have positive down pressure sufficient to lift tractor front end off level ground.

Y____ N____ 1.31 CYD (1.00 m3) Multi Purpose bucket (4 in 1). Machine shall meet the following specifications

Minimum breakout force of 11,020 lbs (49 kN)
Minimum dump clearance of 9'2" (2798 mm) at full lift and 44 degree discharge
Minimum dig depth of 4" (110 mm)
Minimum hinge pin height 11'5" (3474 mm)
Minimum lift capacity 6,100 lbs (3097 kg)
Minimum rackback angle at Ground Level of 38 degrees

Y____ N____ Loader shall be equipped with a return-to-dig mechanism.

Y____ N____ Loader shall be equipped with a lift cylinder brace to mechanically hold the loader arms in the raised position.

Y____ N____ Multi-Purpose bucket shall be operated by a thumb control on the loader joystick

Y____ N____ Loader shall incorporate a steel bumper system to protect battery and engine components.

Y____ N____ Loader arm torque tube shall be constructed such that it is welded to each side of each loader arm section, providing maximum strength with minimal weld stress.

Y____ N____ Loader linkage shall incorporate a single, full width main tower pin for maximum strength and load distribution.

Y____ N____ Loader bucket shall be suitable for general purpose with heavy-duty characteristics including high strength wear material in the leading edges of the lower side corners, equaling the material properties of the base cutting edge.

Y____ N____ Loader bucket base cutting edge shall be specially hardened steel, achieving Rockwell hardness of 50 or greater.

Y____ N____ Loader bucket dump time shall be no more than 3.1 seconds at full raised position.

Y____ N____ Loader bucket shall be self-leveling for truck loading spoil and equipped with a bucket tilt indicator.

Y____ N____ Loader bucket lower time from full raised position to digging position shall be no more than 3.1 seconds.

Y____ N____ Loader bucket raise time to full height shall be no more than 4.2 seconds.

WORK TOOL OPTIONS

Y____ N____ 24" Rear bucket shall be equipped with pin-on tooth tips that are exchanged whereby the pin retainers are diagonal or vertical, allowing them to be extracted or inserted with a hammer and punch only. Built by the machine manufacturer.

Y____ N____ Machine shall be equipped with a hydraulic thumb built by the machine manufacturer to match bucket and installed thereon.

SERVICEABILITY

Y____ N____ Hood release to be lockable and easily accessible from inside the cab.

Y____ N____ Engine oil, transmission oil, hydraulic oil, brake fluid, washer fluid, coolant, engine air filter, and engine air filter monitor shall all be consolidated service points, accessible under the hood with loader arms down.

Y____ N____ Entire machine cooling package, including radiator, transmission oil cooler, hydraulic oil cooler, fuel cooler and ATAAC shall be easily accessible without use of tools.

- Y___ N___ Water and sediment shall be drained from the fuel / water filter from a standing position without tools.
- Y___ N___ The battery(ies) shall be accessible without the use of hand tools to remove panels, toolboxes, etc.
- Y___ N___ Unit shall come standard with machine jump posts
- Y___ N___ The swing frame shall have replaceable bushings installed in the pin joints for the boom, swing cylinder rod ends and swing post.
- Y___ N___ Swing cast shall utilize serrated pins and dimpled bearings for grease rotation
- Y___ N___ Machine shall have easily accessible jumper posts to aid in jump-starting machine or other machines.
- Y___ N___ The hydraulic tank shall be drained through a petcock and drain hose, without need for hand tools.
- Y___ N___ The rear axle shall have brake wear check ports, allowing access to inspect brake pad wear.
- Y___ N___ The machine will be equipped with an electronic diagnostic port within the operator station, allowing service codes to be downloaded and electronic parameters to be adjusted.
- Y___ N___ Fuel tank shall contain a debris screen
- Machine fault codes shall be accessible from LCD screen
- Y___ N___ The unit shall be provided with a master electrical disconnect switch.
- Y___ N___ Optional extendible stick shall be field adjustable using common hand tools.

MINIMUM SERVICE FILL CAPACITIES

- Y___ N___ Standard high-ambient cooling system capacity shall not be less than 5.8 gallons (22.5 L).
- Y___ N___ Standard fuel tank capacity shall not be less than 42 gallons (160 L)
- Y___ N___ Standard diesel exhaust fluid tank capacity shall not be less than 5 gallons (19 L)
- Y___ N___ Standard hydraulic tank capacity shall not be less than 10.6 gallons (40 L).

OWNING AND OPERATING COSTS

- Y___ N___ Front axles shall have sealed king pin and center pendulum bearings.
- Y___ N___ Driveshaft universal joints shall be maintenance free.
- Y___ N___ Standard fill hydraulic oil must be Advanced HYDO 10 with up to 6000hr service interval in typical applications.
- Y___ N___ Load Sensing Variable Displacement pump shall be standard for optimized fuel efficiency and performance.
- Y___ N___ Front and Rear Axle Oil change shall have a 1000- hour change interval for lowering operating maintenance cost
- Y___ N___ Cooling System shall have a 12,000-hour change interval for lowering operating maintenance cost
- Y___ N___ Engine shall have a 500-hour oil change interval for lowering operating maintenance cost.

Further Instructions to Bidders:

1. The above described machinery must be in New (2016) and unused condition.
2. Any exceptions to the above specifications must be listed in the bidders bid, with Justification. Failure to do so will disqualify the bid.
3. All bids must state delivery time (which will be a factor used in determining the lowest and best bid), and bid price must include delivery to Neshoba County.
4. All bids must state warranty, which will be a factor used in determining the lowest and best bid. A minimum of (5) years or 7,500 hours warranty must be included in the bid price.
5. The offer of a guaranteed buy back provision at the end of three (3), four (4) and five (5) years will be used in determining the lowest and best bid. The County will not be responsible for maintaining any maintenance records for the purpose of this agreement nor shall the county sign any agreement based on the servicing or maintenance of said equipment. The county shall service this equipment in accordance with the Manufactures' recommendations of servicing the said equipment.

The county shall return this machine to the dealer with normal wear and tear for hours of use and only 40+% tires should they elect to do so. **All bidders must list any conditions and or limitations to buy back, if any, prominently in the response to this solicitation.** All Bidders must list any and all non performing buy backs in the last 10 years to any City or County in the State of Mississippi and the reason for such.

Conditions for Lease Purchase Financing

Bids for Lease purchase financing will be accepted at the same time and place, and may be from the vendor of the equipment or from a third party source. If only one bid is received for lease purchase financing, the Neshoba County Board of Supervisors reserves the right to solicit and obtain at least one other written competitive bid in order to be in compliance with the requirements of section 31-7-13 (e) Mississippi Code of 1972, Amended.

1. All bids will state the annual rate of interest which may not be greater than the overall maximum interest rate to maturity on general obligation indebtedness permitted under section 75-17-101 of the code (11%).

2. The term of such lease purchase financing should contain lease options for thirty-six (36), forty-eight (48), and sixty (60) months, and shall not exceed the useful life of the machinery per said section 31-7-13 (e).
3. The lease agreement shall contain the following annual allocation dependency clause or an annual allocation dependency clause which is substantially equivalent thereto: "The continuation of each equipment schedule to this agreement is contingent in whole or in part upon the appropriation of funds by the Neshoba County Board of Supervisors to make lease purchase payments required under such equipment schedule". If the Neshoba County Board of Supervisors fail to appropriate sufficient funds to provide for the continuation of the lease purchase payments under any such equipment schedule, then the obligation of the lessee to make such lease purchase payments and the corresponding provisions of any such equipment schedule to this agreement shall terminate on the last day of the fiscal year for which appropriations were made.
4. The County will assume responsibility for expense of day to day parts and components such as oil, filters, grease, fuel, antifreeze, electrical components, glass, hydraulic and air hoses or lines, fan belts, tires and normal wear items.
5. The County will be responsible for liability insurance and physical damage insurance.

NESHOBA COUNTY BID FORM

87 HP Backhoe Bid Date: April 18, 2016 Bid Time: 11:00 AM

We are pleased to submit the following bid for:

Name of Bidder: _____

Address of Bidder: _____

Make of Unit: _____ Model of Unit: _____

Selling Price of New Unit: \$_____

36 month lease payment: \$_____/month w/Balloon of: \$_____

48 month lease payment: \$_____/month w/Balloon of: \$_____

60 month lease payment: \$_____/month w/Balloon of: \$_____

Guaranteed buy back @ 36 months or 3,000 hours: \$_____

Guaranteed buy back @ 48 months or 3,000 hours: \$_____

Guaranteed buy back @ 60 months or 3,000 hours: \$_____

Interest Rate(APR) - 36 mo. @ ____%; 48 mo. @ ____%; 60 mo. @ ____%

5 Year / 5,000 hour maintenance contract - \$_____ per hour.

5 Year / 5,000 hour maintenance and repair contract - \$_____ per hour.

Delivery Date: _____

Warranty – Enclose Copy of Equipment Warranty with Response

BID IS: _____ as per specifications, taking no exceptions.

_____ taking only those specifications exceptions listed by letter attached and referenced to page numbers specified (no alternate bids accepted).

The undersigned bidder agrees that the signature submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of bid specifications and, if awarded, the bid will represent the agreement between the parties.

SIGNED: (sign manually, in ink) _____

NAME PRINTED: _____ TITLE: _____